AUTODOC CLUB

How to change front wheel bearing on **Audi A4 B5 saloon** – replacement guide

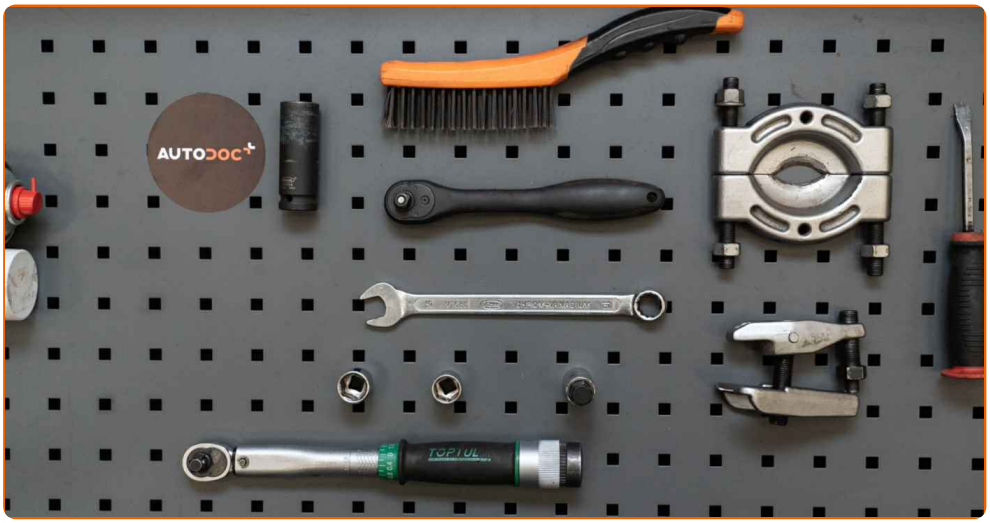
VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
AUDI COUPE (81, 85) 1.8, AUDI 80 B3 (89, 89Q, 8A) 1.6, AUDI 80 B3 (89, 89Q, 8A) 1.8, AUDI 80 B3 (89, 89Q, 8A) 1.8 S, AUDI 80 B3 (89, 89Q, 8A) 1.8 E, AUDI 80 B3 (89, 89Q, 8A) 2.0 E, AUDI 80 B3 (89, 89Q, 8A) 1.6 D, AUDI 80 B3 (89, 89Q, 8A) 1.6 TD, AUDI 80 B3 (89, 89Q, 8A) 1.9 D, AUDI 80 B3 (89, 89Q, 8A) 2.0 E 16V, AUDI 80 B3 (89, 89Q, 8A) 1.8 S quattro, AUDI 80 B3 (89, 89Q, 8A) 1.8 quattro, AUDI 80 B3 (89, 89Q, 8A) 2.0 E quattro, AUDI 80 B3 (89, 89Q, 8A) 2.0 quattro, AUDI 80 B3 (89, 89Q, 8A) 2.0 E 16V quattro, (+ 78)

The steps may slightly vary depending on the car design.

REPLACEMENT: WHEEL BEARING – AUDI A4 B5 SALOON. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #16
- Drive socket # 16
- Drive socket # 17
- HEX bit No.H14
- Wheel impact socket #17
- Ratchet wrench
- Bush and bearing driver set
- Bearing puller
- Bearing separator
- 3-Arm Gear Puller
- Tap wrench
- Hub slide hammer puller
- Crow bar
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

AUTODOC recommends:

- Do not re-use the bearing assembly of your Audi A4 B5 saloon car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- Please note: all work on the car – Audi A4 B5 saloon – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.

3 Loosen the fastener of the driveshaft. Use HEX No.H14. Use a tap wrench.

4 Loosen the wheel mounting bolts. Use wheel impact socket #17.

5 Raise the front of the car and secure on supports.

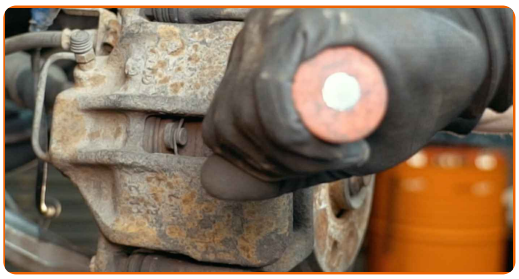
6 Unscrew the wheel bolts.

AUTODOC recommends:

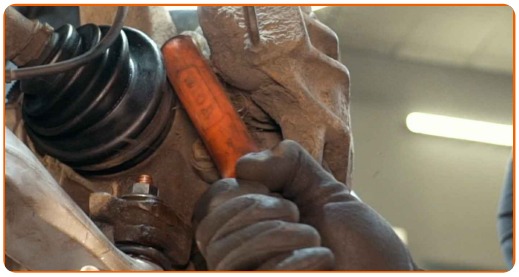
- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
  Audi A4 B5 saloon

7 Remove the wheel.

8 Spread the brake pads. Use a crowbar.



9 Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



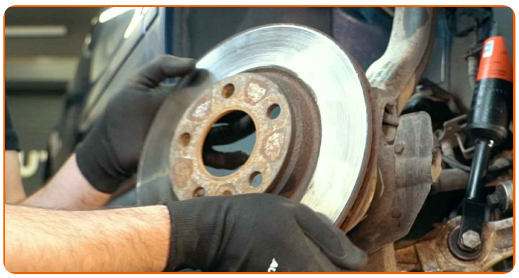
10 Unscrew the caliper bracket fastening. Use a drive socket #17. Use a ratchet wrench. Use a tap wrench.

11 Remove the brake caliper together with its bracket.

Replacement: wheel bearing – Audi A4 B5 saloon. Professionals recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

12 Remove the brake disc.



13 Remove the fastening bolt. Use HEX No.H14. Use a ratchet wrench.

14 Prop up the steering knuckle. Use a hydraulic transmission jack.

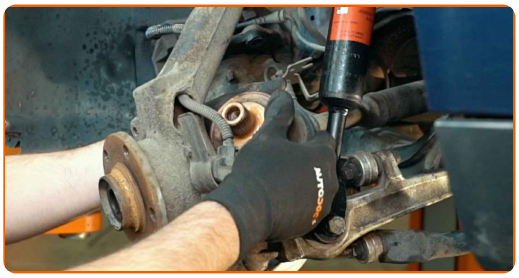
15 Clean all joints of the arm. Use a wire brush. Use WD-40 spray.

16 Unscrew the upper arm fastenings. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.

17 Remove the fastening bolt.

18 Remove the control arms.

19 Detach the driveshaft from the steering knuckle.



Replacement: wheel bearing – Audi A4 B5 saloon. Tip from AUTODOC:

- Make sure that the drive shaft is not unloaded (when the car is jacked).

20 Install the control arms.

21 Install the fastening bolt.

22 Clean the hub bearing mounting seat. Use a wire brush. Use WD-40 spray.

23 Remove the wheel hub from the steering knuckle. Use a bush and bearing driver set. Use the hub slide hammer puller.

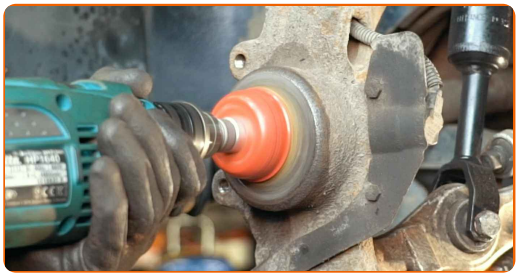
24 Clean the hub bearing mounting seat. Use a wire brush. Use WD-40 spray.

25 Press out the wheel hub bearing. Use a bush and bearing driver set. Use the bearing puller.

26 Remove the bearing inner race from the wheel hub. Use a bearing separator. Use 3-Arm Gear Puller.

27 Clean the hub. Use a wire brush.

28 Clean the hub bearing mounting seat. Use a wire brush. Use WD-40 spray.



29 Press the new bearing in the steering knuckle. Use a bush and bearing driver set.

Replacement: wheel bearing – Audi A4 B5 saloon. AUTODOC experts recommend:

- Check to make sure the wheel hub bearing is positioned correctly. Avoid its misalignment.
- Stop pressing on the surface of the bearing immediately after it has been fitted into its mounting seat.

30 Install the wheel hub on the steering knuckle. Use a bush and bearing driver set. Use the bearing puller.

31 Remove the fastening bolt. Use a crowbar.

32 Remove the control arms.

33 Install the drive shaft.

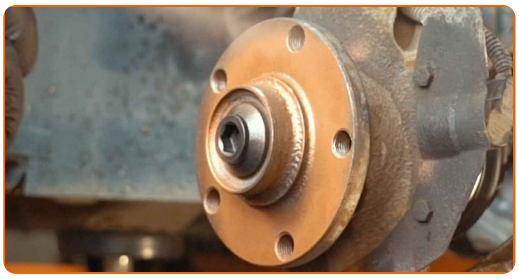
34 Install the control arms.

35 Install the fastening bolt.

36 Tighten the upper arm fastenings. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 40 Nm torque.

37 Install and tighten the drive shaft bolt. Use HEX No.H14.

38 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



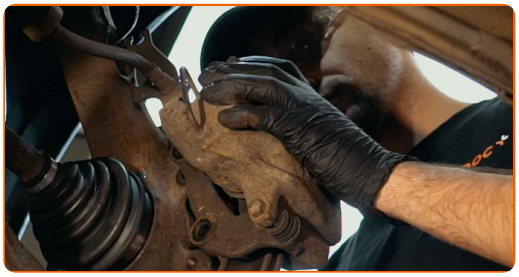
39 Remove the support from under the steering knuckle.

AUTODOC recommends:

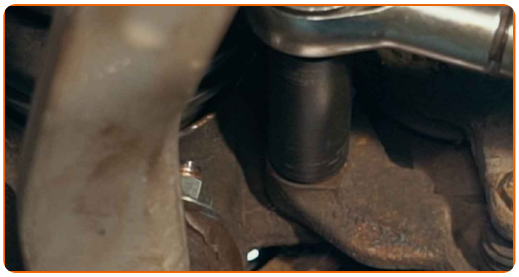
- Replacement: wheel bearing – Audi A4 B5 saloon. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

40 Install the brake disc.

41 Install the brake caliper together with its bracket.



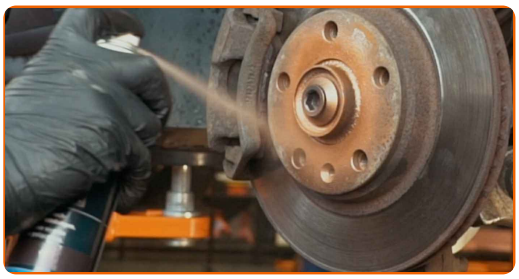
42 Tighten the brake caliper bracket. Use a drive socket #17. Use a torque wrench. Tighten it to 125 Nm torque.



43 Treat all joints of the arm. Treat the steering knuckle fasteners. Use copper grease.

44 Clean the wheel rim mounting seat. Use a wire brush.

45 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



46 Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: wheel bearing – Audi A4 B5 saloon. After applying the spray, wait a few minutes.

47 Install the wheel.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Audi A4 B5 saloon

48 Screw in the wheel bolts. Use wheel impact socket #17.

49 Lower the car.

50 Tighten the bolt connecting the drive shaft to the wheel hub. Use HEX No.H14. Use a torque wrench. Tighten it to 115 Nm torque.+180°

AUTODOC recommends:

- Important! Be sure to use new fasteners.

51 Tighten the wheel bolts using a criss-cross pattern. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.

52 Remove the jacks and chocks.

Replacement: wheel bearing – Audi A4 B5 saloon. Tip from AUTODOC:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.
- Check the brake fluid level in the expansion tank and top up if necessary.

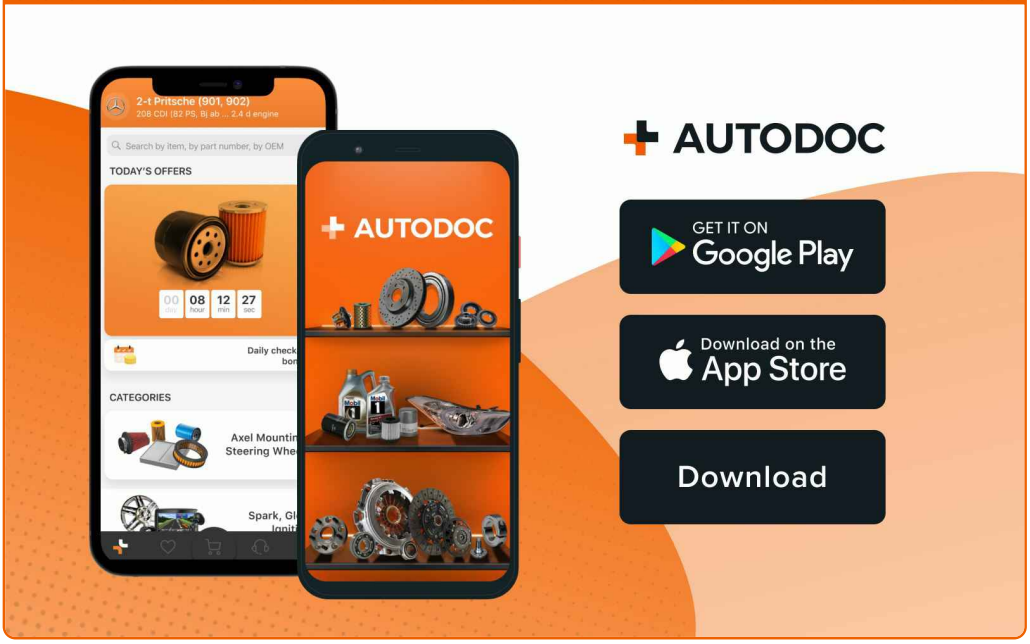
53 Tighten the brake fluid reservoir cap. Close the hood.

WELL DONE!

VIEW MORE TUTORIALS

AUTODOC — TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

BUY SPARE PARTS FOR AUDI

WHEEL BEARING: A WIDE SELECTION

CHOOSE CAR PARTS FOR AUDI A4 B5 SALOON

WHEEL BEARING FOR AUDI: BUY NOW

WHEEL BEARING FOR AUDI A4 B5 SALOON: THE BEST DEALS & OFFERS

ⓘ DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2022 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC GmbH.